ISBN - 1588921522 Publisher - Delta			a Educ	Education LLC dba CPO Science					
ublis	Physics A First Course								
Physics A First Course Type - P2 Author - Tom Hsu Ph.D. Copyright - 2005 Edition - 1st Readability - 1060 Course - 304899-Special Topics Physcis 8-12 Grade(s) - 9, 10, 11, 12									
ed by	Copyright - 2005 Edition - 1st			t	Readability - 1060				
ovide	Cours	e - 304899-Sp	ecial Topics P	hyscis 8-12		Grade	(s) -	9, 10, 11, 12	
₫	Teach	er Edition ISBN	N if applicable						1588921433
	Overall Recommendation: Recommended as Basal Overall Strengths, Weaknesses, Comments:								
	tauç cont		cs class. The chapter. Th	e teacher's e e inclusion c	editio of a a	n cont an inve	ains an i estigation	introduction	aditionally and review of ith laboratory
CRITERIA This basal resource									
A	A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence Moderate Evidence Little or No Evidence								
	☐ Text is designed to be used in an elective course outside the Program of Studies								
	1) Inc	ludes the 7 Bi	g Ideas of sc	ience to the f	follow	ing ex	tent:		
	a)	Structure and	Transformation	on of Matter			☐ Stron	g 🛚 Moderate	Little N/A
	b)	Motion and Fo	orces				Stron	g Moderate	Little N/A
	c)	The Earth and	the Universe				☐ Stron	g Moderate	☐ Little 🔀 N/A
	d)	Unity and Dive	ersity				☐ Stron	g Moderate	☐ Little ☑ N/A
	e)	Biological Cha	ange				☐ Stron	g Moderate	☐ Little ☑ N/A
	f)	Energy Transf	formation				☐ Stron	g 🔀 Moderate	Little N/A
	g)	Interdepender					 ☐ Stron	g ☐ Moderate	☐ Little ☑ N/A
	2) Ad	dresses conte derstandings f indards.	ent-specific e		of Stu	udies		_	Little N/A
		dresses conte				from	Stron	g Moderate	Little N/A

Content addressed is current, relevant and non- trivial	Strong ☐ Moderate ☐ Little ☐ N/A		
5) Provides opportunities for critical thinking/reasoning	Strong ☐ Moderate ☐ Little ☐ N/A		
 6) Strengths, Weaknesses, Comments: Specific strengths-which areas/concepts are covered expecific weaknesses-which areas/concepts would likely 			
There are little or no biologically related topics/conce as this is an physics text, that is to be expected. The materials specific to the CPO program. Content from approriate level and complexity.	e activities in the investigation use		
B. Functionality & Suitability	Strong Evidence Moderate Evidence Little or No Evidence		
1) Suitability	Strong Moderate Little N/A		
 Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind. 			
2) Content quality	Strong ☐ Moderate ☐ Little ☐ N/A		
 Free from factual errors Content is presented conceptually when possible—more Content included accurately represents the knowledge of the content included accurately represent a broad 	base of the discipline		
3) Connections to Literacy Note: may apply to either student or teacher editions			
 Employs a variety of reading levels and is grade/level a Contains pre, during, post reading activities Provides opportunities for summarizing, reviewing, and at multiple levels of difficulty for a variety of learning sty Student text provides opportunity to integrate reading at Uses vocabulary that is age and content appropriate Focuses on critical vocabulary vs. extensive lists Identifies key vocabulary through definitions in both text Engaging text- does the text facilitate learning? Does understanding the text require having performed to 	reinforcing vocabulary skills and concepts les. nd writing t and glossary		
4) Connections to Technology	☐ Strong ☑ Moderate ☐ Little		
 Integrates technology and reflects the impact of technol Uses technology in the collection and/or manipulation o 			

5) Support for Diverse Learners	☐ Strong ☐ Moderate ☒ Little
 Provides support for ESL students Provides support for differentiation of instruction in diverse class Note: may apply only to teacher edition 	ssrooms
 6) Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific streevaluation standards. 	ong examples for individual
There is no apparent support for ELL students, or suggestic instruction. Technology is used in conjuction with laborato equipment being used. There did not appear to be any type reviewing the text. The content appeared to be of appropricorrectness. Embedded into the text are vocabulary lists, sintermittant comprehension checks, section reviews, and conset of literacy strategies was not evident.	ry investigations and the be of bias in the course of riate complexity and section objectives,
C. Supports Inquiry and Skill Development	Strong Evidence Moderate Evidence Little or No Evidence
1) Promotes Inquiry, research and Application of Learning	☐ Strong 🔀 Moderate 🗌 Little
 Provides opportunities for inquiry and research that includes at topics, formulating authentic questions, gathering information, interviewing, and evaluating information, analyzing and synthe findings and conclusions. Requires students to use higher-level cognitive skills (analysis). Provides activities and projects for students to deepen their kn strengthen problem-solving and decision-making skills. Provides opportunities for application of learned concepts. Uses a variety of relevant charts, graphs, diagrams, time lines, motivate students to engage in discussion, problem solving, ar Emphasizes conceptual understandings that invite students to develop and extend ideas to support reasoning. Note: may apply to either teacher or student edition 	researching resources, observing, sizing data and communicating, synthesis, evaluation, etc.) owledge and cultivate and, and other illustrations to invite and other high-order thinking skills.
2) Skill Development	Strong Moderate Little
 Provides opportunities to make sense of data Provides opportunities for critical thinking and reasoning (analy fact/opinion, recognize bias) Provides opportunities to examine a range of types of evidence Contains embedded activities (or extensions) that emphasize usolving Note: may apply to either teacher or student edition 	e

3) Strengths, Weaknesses, Comments:

Inquiry activities are found in the investigation manual. The text provides students the opportunity to use higher-level cognitive skills (analysis, synthesis, evaluation, etc.). The text uses a variety of relevant charts, graphs, diagrams, connections, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills. There are a variety of activities associated with the structure of the text that support learning essential skills and content. These activities are related to concepts discussed in the text.

activities are related to concepts discussed in the text.		
D. Supports Best Practices of Teaching and Learning	Strong Evidence Moderate Evidence Little or No Evidence	
1) Engages Students	Strong	
 Includes content geared to the needs, interests, and abilities of s Engages and motivates students using components such as real experiments, and data gathering. Includes information and activities that assist students in seeing appropriate) to their own lives and experiences Provides a variety of strategies, activities, and materials to enhar appropriate learning levels Activities are truly congruent to the concepts addressed, not mer <i>Note: may apply to either teacher or student edition</i> 	I-life situations, simulations, relevance of concepts (where nce student learning at the	
2) Uses Assessment to Inform Instruction ☐ Strong ☑ Moderate ☐ Litt		
 Includes multiple means of assessment as an integral part of ins Provides evaluation measures in the teacher edition that support Embedded assessments reflect a variety of Depth of Knowledge Note: may apply to either teacher or student edition 	s differentiated learning activities	
 3) Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards 		
The questions that are within the text do not contain many questions that reach higher level thought and higher DOK levels. The assessment does not occur in a great variety of manners. There are embedded questions and chapter review questions.		
E. Has an Organization/ Format that Supports Learning and Teaching	Strong EvidenceModerate EvidenceLittle or No Evidence	
1) Organizational Quality		

• Print and/or electronic materials present minimal barriers to learners

- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size

Included media are durable, easy to use and have technical merit

• Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher t

X	Strong	Moderate	Г	Little

 Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The text is logical and sequential. Concepts build upon themselves as you progress thoughout the units. The text organizations makes use of text features that enhance readability. Graphics are many and captioned. The glossary encompasses the terms discussed in the text. The laboratory materials do a great job of supporting the text content being covered.

F. Has available Ancillary	/ Gratis N	/laterials
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Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Strong Evidence
Moderate Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving

2) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

No ancillary/gratis materials were available for review.